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20 July 1955

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Attention: [REDACTED]

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Gentlemen:

Please find enclosed three copies of our Technical Proposal TP-5500-2.7, titled "[REDACTED] Crystal-Video Antennas". This proposal and associated budget covers the design and packaging of a set of antennas and crystal holders meeting your specifications H2064 Antenna Unit Specifications (Electrical). A supplementary proposal and budget is included for your consideration, covering the design and packaging of bandpass filters for the above antenna system. This supplementary proposal can be rejected without affecting price and delivery of the prime proposal. If the supplementary proposal is accepted, work should be started within six weeks of the start of the prime proposal to permit both time and cost estimates to be satisfied.

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Our price to design and package a system of antennas to your specifications H2064 is \$61,590.41. If the supplementary proposal recommending bandpass filters for Bands 1 to 7 inclusive is accepted, an additional budget of \$15,020.90 is requested. Both proposals are based on a cost plus a fixed fee contract. Our fixed fee is 7% of the estimated cost. Monthly progress payments are requested, based on [REDACTED] submitting monthly progress reports. The fixed fee can be withheld until the completion of the contract at [REDACTED] discretion. The following comments are part of the quotation:

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1. All prices are F. O. B. [REDACTED]
2. Sketches will be provided in sufficient detail such that manufacturing drawings can be made.
3. At the completion of the contract, a manuscript will be provided in sufficient detail to permit an instruction book to be written by [REDACTED] covering the AEL phase of the system.
4. Three (3) complete systems meeting all specifications will be delivered to [REDACTED] within six months after our receipt of contract.
5. This bid is valid for sixty days from the date of this quotation.

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6. Commercial Domestic packaging will be used in shipping the finished equipment to [redacted]. No transit cases will be supplied with this equipment.
7. The mast supporting the Antenna System will be designed and supplied by [redacted].
8. [redacted] will make all measurements up to 13,000 Mc. We will further rent facilities to make the remaining measurements.

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Also enclosed with this letter is our quotation of \$4,191.00 to supply spare parts in antennas consisting of one antenna for each band for each system. Thus, a total of 27 spare antennas will be provided. These antennas will be delivered to the [redacted], using Commercial Domestic packaging. The spare parts quotation is based on producing the spare parts antennas concurrent with the prime contract antennas.

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We are pleased to have the opportunity to quote on your requirements and if you have any further questions, in connection with this quotation, please do not hesitate to contact us.

Very truly yours,

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President

LR:ms

Enc.

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## LIST OF DELIVERABLE ITEMS

M 14227

<u>ITEM</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
1	3	<u>Engineering Models of a Passive Intercept Receiving System</u> generally in accordance with the Department of Defense Exhibit, titled "ELINT Maritime Receiving System-Prototype Design" and in accordance with this technical proposal. Included will be one (1) model 513D Tektronic Oscilloscope.
2	3 sets	<u>Spare Parts for Item 1 above.</u> Each set will contain 50% spares for such items as amplifiers, tubes, etc., and 25% spares for durable hardware items such as antenna horns, etc.
3	10 copies	<u>Final Engineering Report for work under Item 1 above.</u> This report shall provide a summary of all work performed under Item 1 and shall include all information pertinent to the equipment delivered under Item 1 except that contained in the instruction guide of Item 4 below.
4	10 copies	<u>Instruction and Operation Guide for the equipment delivered under Item 1 above.</u> This informal instruction guide shall contain information on the theory of operation, installation, adjustment, operation, and maintenance of the Passive Intercept Receiving System.
5	1 set	<u>Contractor's Design Drawings, complete</u>
6	1 set	<u>High Frequency Antenna Drawings.</u> (On loan to the Contractor by the Contracting Officer)

4/28/55

M 14227

Contractor's Engineering Modification  
to [ ] - Technical Proposal No. 651

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The following items were discussed by engineers of the [ ] Corporation and the Government in a meeting on 25 April 1955 and were considered acceptable modifications to (or clarifications of) the proposal:

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1. Inclusion of a combining amplifier for recorder outputs
2. Inclusion of two video selector switches instead of one (as shown in proposal)
3. Signal presence alarm light (with spare contacts on relay for additional control functions)
4. Jack output for each video and recorder output